

TREASURE

OUR

guam

COASTS

and

ESTUARIES

miles of coastline  
**110**

coastal population in 2000  
**154,805**

fy03 czma core (section 306)  
funding  
**\$916,000**

fy03 czma enhancements  
(section 309) funding  
**\$77,000**

fy03 coastal nonpoint  
implementation  
**\$79,000**

THE TERRITORY OF GUAM SUPPORTS A TOURISM INDUSTRY THAT GENERATES APPROXIMATELY \$300 MILLION A YEAR; A MAJOR PORT FOR TRANS-SHIPMENT OF COMMERCIAL FISH; AND A GROWING LOCAL POPULATION. COASTAL MANAGEMENT IN GUAM HINGES ON BALANCING THE NEED FOR ECONOMIC DEVELOPMENT, INCLUDING ACTIVE U.S. NAVY AND AIR FORCE BASES, WHILE MAINTAINING A HEALTHY COAST WITH VIBRANT CORAL REEFS AND CLEAN WATER. THE COASTAL ZONE MANAGEMENT ACT (CZMA) PROVIDES THE FRAMEWORK NECESSARY TO SUSTAIN THE ECONOMIC AND ECOLOGICAL VALUE OF GUAM'S COASTAL AREAS. THIS LAW, WHICH IS ADMINISTERED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), RECOGNIZES A NATIONAL INTEREST IN OUR COASTAL AND OCEAN AREAS. IT ALLOWS STATES AND TERRITORIES, NOT THE FEDERAL GOVERNMENT, TO DETERMINE HOW BEST TO BALANCE CONSERVATION OF THE COASTAL ENVIRONMENT WITH HUMAN USES THAT DEPEND ON COASTAL RESOURCES.

## THE CZMA IN GUAM

The CZMA establishes programs to balance the use and protection of America's coasts. The Coastal Management Program gives states and territories a flexible framework to address a broad range of community development, economic, and natural resource issues at the state, territory, and local level.

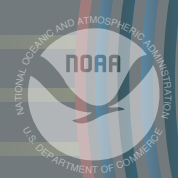
### *Guam's Coastal Management Program*

*Approved: 1979*

*Lead Agency: Guam Bureau of Statistics and Plans*

The Guam Coastal Management Program provides overall coordination and direction to a network of Guam agencies to ensure a balanced approach to coastal management. Among the most prominent issues are coral reef and water quality degradation, coastal hazards (including typhoons and flooding), and cultural and historic resource preservation. The Guam Coastal Management Program coordinates and relies on a number of interagency partnerships and initiatives to achieve its management objectives.

The Guam Coastal Management Program has a well-coordinated public education and outreach program. Two of the most significant components are its monthly public television program and news bulletin, both titled *Man, Land, and Sea*. Most recently, the coastal program has focused considerable



effort on coral reef education. Working with the University of Guam Marine Lab, the coastal program developed an interactive coral reef education CD-ROM and a traveling Coral Reef Road Show.

Ongoing projects include developing an Environmental Emergency Response Plan for disaster responses, promoting clean-up and monitoring of military and public landfills and waste sites, Geographic Information Systems mapping and data collection for resource management information, and developing a multi-agency computerized permit tracking system.

## PARTNERSHIPS IN ACTION

In partnership with the Water and Environmental Research Institute of the University of Guam and the Guam Environmental Protection Agency, the Guam Coastal Management Program initiated a three-phase program for managing dredge activities associated with contaminated sediments. In the first two phases, sediment and biological contamination were assessed in four principal boat use areas. In the third phase, assessment data was used to determine adequacy of legislation to address polluting activities, regulate marine harvesting activities, create public information program, and recommend management practices for the treatment and disposal of contaminated dredge material.

The Guam Coastal Management Program played a significant role in the national and regional initial development of the U.S. Coral Reef Task Force and the All Island Coral Reef Initiative. Locally, the Guam Coastal Management Program is a member of the multi-agency Guam Coral Reef Initiative Coordinating Committee, made up of agencies responsible for coral reef management and monitoring activities in Guam. The most significant achievement under this Initiative has been the legal establishment and implementation of five marine protected areas, which encompass nearly twenty percent of Guam's coral reef habitats.